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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	CECOM 5522			
First Inventor	Arthur Tauber			
Title	RARE EARTH METAL COMPOUND FOR USE IN HIGH CRITICAL.			
Express Mail I abel No.	EE637112372US			

(Unly for I	new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	EE63/1123/20S			
See MPEP	APPLICATION ELEMENTS chapter 600 concerning utility patent application contents.	ADDRESS TO:	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450			
(Submi 2. Applic See 3 3. Specif (prefen - Desci - Cross - State - Refer or a c - Back - Brief - Detail - Claim - Abstr. 4. Drawii 5. Oath or Dec a. Ne b. Co (for	act of the Disclosure ng(s) (35 U.S.C. 113) [Total Sheets]	Computer Prog 8. Nucleotide and/or A (if applicable, all nec a. Computer b. Specificat i. CD- ii. Pap c. Statemer ACCOMPAN 9. Assignment F 10. 37 CFR 3.73((when there is 12. Information D Statement (ID 13. Preliminary A 14. Return Recei (Should be sp 15. Certified Copy (if foreign pric 16. Nonpublicatio (b)(2)(B)(i). A or its equivale	Readable Form (CRF) tion Sequence Listing on: ROM or CD-R (2 copies); or ter this verifying identity of above copies YING APPLICATION PARTS Papers (cover sheet & document(s)) b) Statement s an assignee) Station Document (if applicable) sisclosure DS)/PTO-1449 mendment pt Postcard (MPEP 503) the cifically itemized) y of Priority Document(s) writy is claimed) n Request under 35 U.S.C. 122 pplicant must attach form PTO/SB/35			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation: Continuation: CIP) of prior application No: 09/845.108						
Continuation Continuation Continuation-in-part (CIP) of prior application No.:09/845,108 Prior application information: Examiner S. Bos Art Unit: 1754 For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS						
- Custon	ner Number:	OR L	Correspondence address below			
Name	O.S. Army Communications-Electronics Communic					
Address	Address ATTN: AMSEL-LG-L (George B. Tereschuk, Esq.)					
City	Fort Monmouth	State NJ	Zip Code 07703-5010			
Country		elephone (732) 532-9795	Fax (732) 389-3396			
Name (Print/Type) George Tereschuk // Registration No. (Attorney/Agent) 37,558						
Signature	Signature SUNSIDE (MOSIMUL) Date 2/19/2014					

This collection of information is required by 37 CPR 1.53(ty). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application confidentiality is governed by 35 U.S.C. 122 and 37 CPR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
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for FY 2004			Date		A 41 . 7		
Effective 10/01/2003. Patent fees are subject to annual revision.		First I	Named	Invento	or Arthur T	auber	
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name					
-		Art U	nit				
TOTAL AMOUNT OF PAYMENT (\$) 2,004.00		Attorr	ey Doc	ket No	. CECON	<u>1 5522</u>	
METHOD OF PAYMENT (check all that apply)				FEE	CALCULA	TION (continued)	
Check Credit card Money Other None	3. ADDITIONAL FEES						
Deposit Account:		Entity					
Deposit Account 19-2201	Fee Code	Fee e (\$)	Fee I Code	Fee (\$)	Fee I	Description	Fee Paid
Number	1051	130	2051	65 S	Surcharge - late	filing fee or oath	
Deposit Account U.S. Army	1052	50	2052		Surcharge - late over sheet	provisional filing fee or	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130 N	lon-English spe	ecification	
Charge fee(s) indicated below Credit any overpayments		2,520	1812 2			est for ex parte reexamination	
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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805 1		Requesting pub Examiner actior	lication of SIR after	
FEE CALCULATION	1251	110	2251	55 E	Extension for re	ply within first month	
1. BASIC FILING FEE	1252	420	2252	210 E	Extension for re	eply within second month	
Large Entity Small Entity	1253	950	2253	475 E	Extension for re	eply within third month	
Fee Fee Fee Fee Pee Description Fee Paid Code (\$)	1254	1,480	2254	740 E	Extension for re	ply within fourth month	
1001 770 2001 385 Utility filing fee \$770	1255	2,010	2255	1,005 E	Extension for re	eply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165 N	Notice of Appea	al	
1003 530 2003 265 Plant filing fee	1402		2402		-	support of an appeal	
1004 770 2004 385 Reissue filing fee	1403		2403		Request for ora		
1005 160 2005 80 Provisional filing fee	i	1,510				ute a public use proceeding	
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Fee from Ext <u>ra Claims below Fee Paid</u>	1502		2502		Design issue fe	'	
Total Claims 79 -20** = 59 X \$18 = 1062	1503	640	2503		Plant issue fee		
Independent 5 - 3** = 2 x \$86 = 172	1460	130	1460	130 F	Petitions to the	Commissioner	
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Code (\$) Code (\$)	8021	40	8021	40 R	Recording each	patent assignment per	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	•		number of properties) sion after final rejection	
1201 86 2201 43 Independent claims in excess of 3				((37 ČFR 1.129((a))	
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810	385 F	For each addition examined (37 C	onal invention to be CFR 1.129(b))	
over original patent	1801	1 770	2801		•	ontinued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802		Request for ex of a design app	spedited examination dication	
SUBTOTAL (2) (\$) 1,234.00 Other fee (specify)							
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0							
SUBMITTED BY (Complete (if applicable))							
Name (Print/Type) George B. Tereschuk		Registra (Attomev/		37,55	58	Telephone 732 532-9795	
Signature PINAR 9. 1000 Miles	K		rigoriti			Date 2/17/2	11/14

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ARTHUR TAUBER et al Serial No.: 0 /

Filed:

For: RARE EARTH METAL COMPOUNDS FOR USE IN HIGH

CRITICAL TEMPERATURE THIN FILM SUPERCONDUCTING

ANTENNAS

Docket No.: CECOM 5522

Assistant Commissioner for Patents Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express	Mail"	label	numb	er _	<u>F</u>	EE637112372US	
Date of I	Deposit	·	17	FEB	2004		

I hereby certify that the following papers and fees are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to Mail Stop: PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

- 1. RETURN RECEIPT POSTCARD
- 2. UTILITY PATENT APPLICATION TRANSMITTAL (1 page)
- 3. FEE TRANSMITTAL for FY 2004 (1 page) (Orig.& 1 copy)
- 4. NON-PUBLICATION REQUEST UNDER 35 USC 122(b)(2)(B)(i) (1 page)
- 5. PRELIMINARY AMENDMENT (INTRODUCTORY COMMENTS) (2 pages)
- 6. PRELIMINARY AMENDMENT (AMENDMENT TO THE SPECIFICATION)
 (3 pages)
- 7. PRELIMINARY AMENDMENT (AMENDMENT TO THE CLAIMS) (15 pages)
- 8. PRELIMINARY AMENDMENT (REMARKS) (5 pages)
- 9. COPY OF PARENT APPLICATION CIP SN 09/845,108 (27 pages)
- 10. COPY OF DECLARATION OF PARENT CIP CASE (4 pages)
- 11. COPIES OF POWERS OF ATTORNEYS FOR EACH INVENTOR (6 pages)

Name of Person Mailing Papers

Signature of Person Mailing Papers

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

	First N	Named Inventor	ARTHUR TAUBER					
	Title	RARE EARTH IN HIGH CE FILM SUPER	METAL COMPOUNDS FOR USE RITICAL TEMPERATURE THIN CONDUCTING ANTENNAS					
Attorney Docket Number			CECOM 5522					

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

732 532-9795

Telephone number

George B. Tereschuk, Reg. #37,558

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.